Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042822\
Data File : BM034863.D
Acq On : 28 Apr 2022 12:46
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 29 05:05:38 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 28 01:51:59 2022
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 04/29/2022
Supervised By :Jagrut Upadhyay 04/29/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.928	152	219388	20.000	ng	0.00
21) Naphthalene-d8	10.733	136	891758	20.000	ng	0.00
39) Acenaphthene-d10	14.562	164	551581	20.000	ng	0.00
64) Phenanthrene-d10	17.303	188	1039376	20.000	ng	0.00
76) Chrysene-d12	21.480	240	879558	20.000	ng	0.00
86) Perylene-d12	23.868	264	850402	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	969784	77.986	ng	0.00
7) Phenol-d6	7.092	99	1309547	81.574	ng	0.00
23) Nitrobenzene-d5	9.086	82	1329346	80.500	ng	0.00
42) 2,4,6-Tribromophenol	16.051	330	476126	79.353	ng	0.00
45) 2-Fluorobiphenyl	13.192	172	3052977	80.350	ng	0.00
79) Terphenyl-d14	19.927	244	3789717	83.425	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.398	88	188879	37.539	ng	100
3) Pyridine	3.798	79	550198	39.247	ng	98
4) n-Nitrosodimethylamine	3.710	42	294996	42.678	ng	99
6) Aniline	7.251	93	748050	40.567	ng	100
8) 2-Chlorophenol	7.492	128	555248	40.118	ng	98
9) Benzaldehyde	7.063	77	399705	38.255	ng	99
10) Phenol	7.122	94	658587	40.114	ng	98
11) bis(2-Chloroethyl)ether	7.351	93	505968	40.937	ng	99
12) 1,3-Dichlorobenzene	7.822	146	621276	39.628	ng	99
13) 1,4-Dichlorobenzene	7.963	146	638925	39.820	ng	100
14) 1,2-Dichlorobenzene	8.286	146	611316	40.019	ng	99
15) Benzyl Alcohol	8.169	79	500375	41.708	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.469	45	801956	40.037	ng	99
17) 2-Methylphenol	8.369	107	463194	41.548	ng	99
18) Hexachloroethane	9.016	117	238480	40.495	ng	97
19) n-Nitroso-di-n-propyla...	8.739	70	445218	42.363	ng	99
20) 3+4-Methylphenols	8.698	107	636941	41.757	ng	98
22) Acetophenone	8.751	105	858082	39.731	ng	99
24) Nitrobenzene	9.127	77	655379	39.454	ng	98
25) Isophorone	9.663	82	1125964	40.782	ng	99
26) 2-Nitrophenol	9.839	139	301149	41.546	ng	97
27) 2,4-Dimethylphenol	9.904	122	454516	40.663	ng	97
28) bis(2-Chloroethoxy)met...	10.145	93	644423	40.557	ng	100
29) 2,4-Dichlorophenol	10.380	162	541620	41.099	ng	100
30) 1,2,4-Trichlorobenzene	10.598	180	595862	39.946	ng	98
31) Naphthalene	10.786	128	1833289	39.852	ng	99
32) Benzoic acid	10.039	122	375958	41.925	ng	98
33) 4-Chloroaniline	10.886	127	748793	40.465	ng	99
34) Hexachlorobutadiene	11.080	225	366977	39.845	ng	99
35) Caprolactam	11.669	113	153602	40.355	ng	98
36) 4-Chloro-3-methylphenol	12.016	107	559518	41.030	ng	99
37) 2-Methylnaphthalene	12.392	142	1295236	40.635	ng	99
38) 1-Methylnaphthalene	12.610	142	1263641	40.596	ng	99
40) 1,2,4,5-Tetrachloroben...	12.763	216	638725	40.668	ng	100
41) Hexachlorocyclopentadiene	12.751	237	390334	41.509	ng	99
43) 2,4,6-Trichlorophenol	12.998	196	440757	41.455	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.068	196	481185	40.756	ng	98
46) 1,1'-Biphenyl	13.404	154	1656408	39.861	ng	99
47) 2-Chloronaphthalene	13.439	162	1289459	39.818	ng	99
48) 2-Nitroaniline	13.639	65	381990	41.004	ng	100
49) Acenaphthylene	14.286	152	2004162	40.197	ng	100
50) Dimethylphthalate	14.021	163	1596982	38.834	ng	99
51) 2,6-Dinitrotoluene	14.133	165	337049	40.256	ng	100
52) Acenaphthene	14.627	154	1351124m	39.998	ng	
53) 3-Nitroaniline	14.462	138	357717	39.821	ng	98
54) 2,4-Dinitrophenol	14.662	184	191255	38.836	ng	99
55) Dibenzofuran	14.962	168	1894963	39.294	ng	100
56) 4-Nitrophenol	14.762	139	287571	39.193	ng	97
57) 2,4-Dinitrotoluene	14.921	165	452446	40.315	ng	97
58) Fluorene	15.609	166	1572883	39.265	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.186	232	402742	40.125	ng	99
60) Diethylphthalate	15.386	149	1607768	38.386	ng	99
61) 4-Chlorophenyl-phenyle...	15.604	204	755555	39.412	ng	100
62) 4-Nitroaniline	15.621	138	364661	39.203	ng	98
63) Azobenzene	15.898	77	1505362	39.406	ng	99
65) 4,6-Dinitro-2-methylph...	15.680	198	252112	40.576	ng	93
66) n-Nitrosodiphenylamine	15.815	169	1303011	41.366	ng	100
67) 4-Bromophenyl-phenylether	16.498	248	436897	41.352	ng	99
68) Hexachlorobenzene	16.615	284	490171	41.093	ng	98
69) Atrazine	16.768	200	413273	39.079	ng	99
70) Pentachlorophenol	16.956	266	305210	40.838	ng	99
71) Phenanthrene	17.345	178	2303128	39.759	ng	100
72) Anthracene	17.439	178	2253767	40.293	ng	100
73) Carbazole	17.703	167	2007336	39.294	ng	99
74) Di-n-butylphthalate	18.280	149	2470033	38.002	ng	100
75) Fluoranthene	19.356	202	2431283	38.223	ng	99
77) Benzidine	19.539	184	1159393	43.148	ng	100
78) Pyrene	19.721	202	2484995	42.723	ng	99
80) Butylbenzylphthalate	20.621	149	1010055	39.562	ng	99
81) Benzo(a)anthracene	21.468	228	2371925	40.414	ng	99
82) 3,3'-Dichlorobenzidine	21.397	252	682131	39.877	ng	100
83) Chrysene	21.521	228	2228208	39.748	ng	99
84) Bis(2-ethylhexyl)phtha...	21.403	149	1462104	37.242	ng	100
85) Di-n-octyl phthalate	22.327	149	2306405	35.637	ng	100
87) Indeno(1,2,3-cd)pyrene	26.356	276	2594116	40.122	ng	100
88) Benzo(b)fluoranthene	23.144	252	2213789	41.389	ng	99
89) Benzo(k)fluoranthene	23.197	252	2145448	39.625	ng	100
90) Benzo(a)pyrene	23.768	252	1808154	40.691	ng	100
91) Dibenzo(a,h)anthracene	26.373	278	2158880	39.806	ng	99
92) Benzo(g,h,i)perylene	27.115	276	2092220	40.149	ng	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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